

### 5.2.1 Piney Creek North

Riparian buffer plantings along Piney Creek North are successful. The log vane is missing the J hook. Coir log is missing and steep slope restoration is incomplete. Photographic documentation depicting mitigation measures taken along Piney Creek North is provided by photographs 42-46 in Appendix A.

### 5.2.2 Piney Creek South

Riparian buffers and live staking along Piney Creek South are functioning well. Most areas of coir logging and matting along the upper stream reaches are also functioning as planned. The lower reaches of the Piney Creek South mitigation are heavily eroded, coir logs and matting are largely gone, and two log vanes are heavily damaged and in need of repair. Photographic documentation depicting mitigation measures taken along Piney Creek South is provided by photographs 47-61 in Appendix A.

### 5.2.3 Long Run

Coir log and matting and steep slope grading along areas of Long Run adjacent to Wetland A have been largely unsuccessful due to step pool failure and beaver activity within the stream reach. Results for lower reaches of Long Run are somewhat better but in several areas coir log and matting are no longer effectively stabilizing the stream banks.

Log vane and J hook protection is functioning well in most instances but some erosion has been noted. Steep slope protection provided by boulder toe protection and live staking is working well. Failure of a step pool complex constructed adjacent to Wetland A has resulted in down-cutting of the stream channel and failure of other stream enhancement measures for a short distance upstream. A plan for restoring this section of Long Run has been prepared (Drawing C300). The restoration design calls for the installation of a series of rock cross vanes within the